

DaimlerChrysler AG

Abstract

The invention relates to a spray head for high-pressure jet applications, comprising a nozzle carrier and at least one exchangeable nozzle disposed in a bore of the nozzle carrier, which exchangeable nozzle is sealed along an annular surface against the wall of the bore. In order to render the spray head more suitable for pressures in excess of 2000 bar, the bore, at the region against which the exchangeable nozzle directly bears - hereinafter more simply referred to as the bore bottom - is conically configured. Furthermore, the exchangeable nozzle, in the region of the bore bottom - hereinafter more simply referred to as the nozzle seat - is likewise conically configured. In addition, in the installed, functional state, the nozzle seat, along an annular surface, in particular an annular line, bears directly and in a sealing manner against the bore bottom.